



Technical data

Date	9/22/2025
Offer N.	---
Pump Type	MNG100-200B

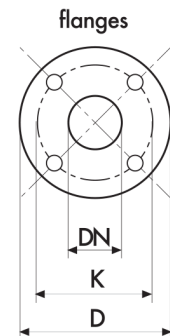
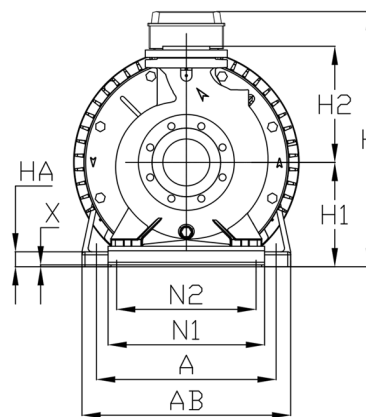
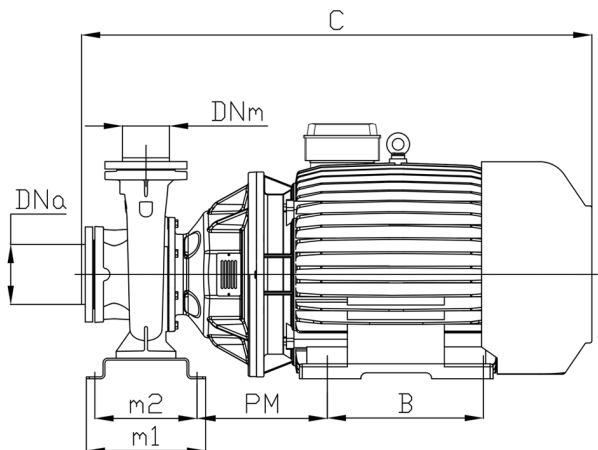
Client	EES GmbH	Reference	---
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Pump data

Pump body and rear shield	Cast iron GJL-250	Monobloc horizontal centrifugal pumps, constructed to EN 733 standards, with stub-shaft and bracket for coupling to standard motors; widely used in water supplies, pressurisation and fire-fighting systems, standard supply with counter-flange.
Motor bracket	Cast iron GJL-250	
Impeller	Cast iron GJL-250 On request bronze or stainless steel AISI 316	
Mechanical seal	Ceramic-Graphite	
Pump shaft end	Stainless steel AISI 316 EN X5CrNiMo17-12-2	
Liquid temperature	-10°C +90°C	
Operating pressure	Max 10 bar	

P2	Motor Size	Q (m3/h - l/min)														
(kW)		0	108	120	132	144	156	168	180	195	210	225	240	270	300	330
		0	1800	2000	2200	2400	2600	2800	3000	3250	3500	3750	4000	4500	5000	5500
		H (m)														
45	225M	56.1	56.8	56.5	56.1	55.6	55.1	54.5	53.9	53.1	52.2	51.4	50.4	47.5	43.8	39.7

Technical Sheet



DIMENSIONS (mm)				
DN	D	K	holes	
			n°	Ø
80	200	160	8	18
100	220	180	8	18
125	250	210	8	18

DIMENSIONS (mm)														Kg
DNα	DNm	m1	m2	N2	N1	H1	H2	H	A	AB	B	PM	C	
125	100	200	120	280	360	225	321	555	356	435	311	356	1130	417

Notes

The information may be subject to change without notice. It is always advisable to contact our commercial department in order to get further information about the products, their technical specifications and warranty conditions. The Company is expressly relieved of any liability for the purchasing of a product not in line with the customer's needs, if not consulted beforehand for a specific consultancy.



Working Curves

Pump type: MNG100-200B

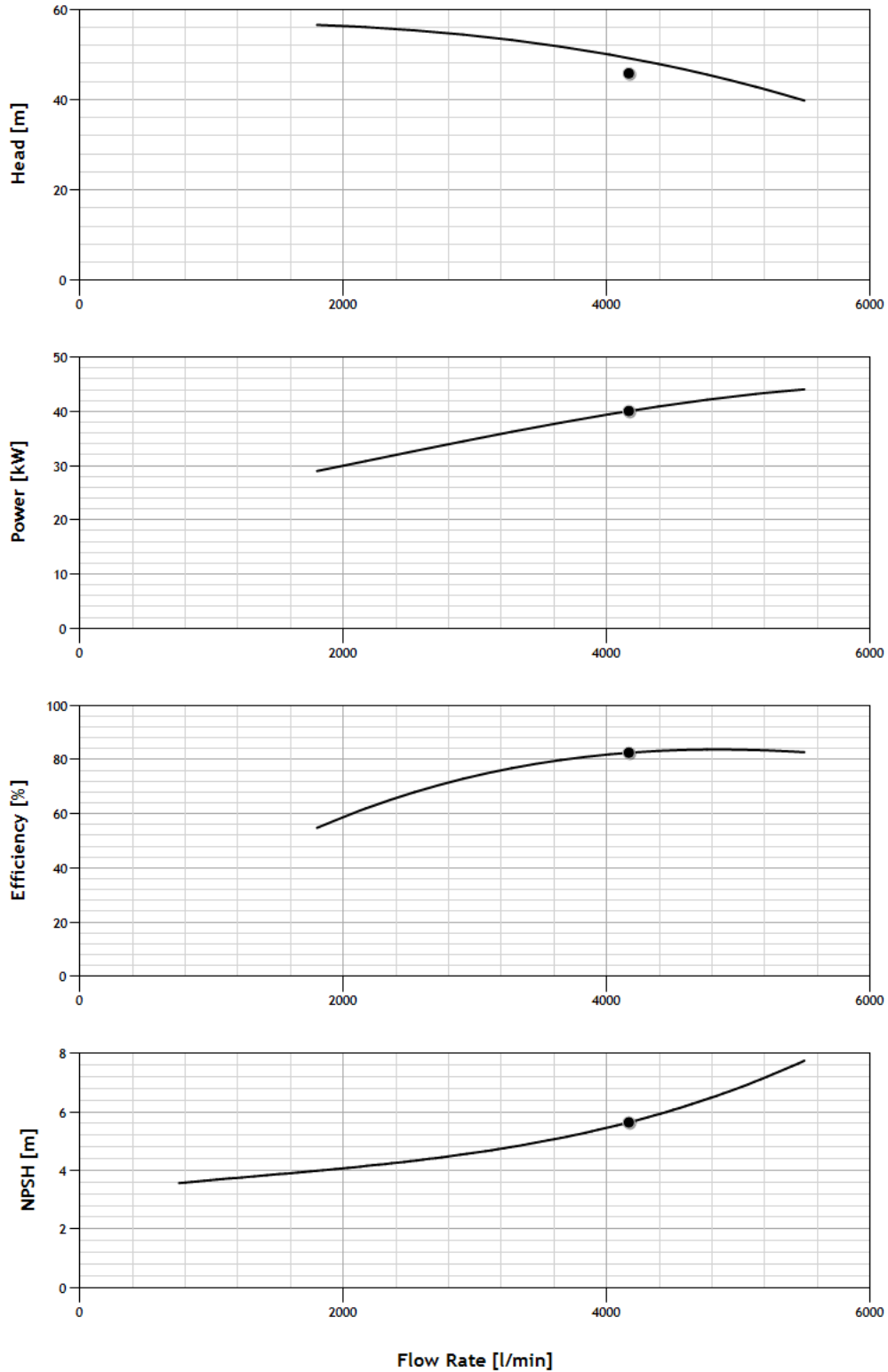
Curv n°:

MNG100-200B

Date:

9/22/2025

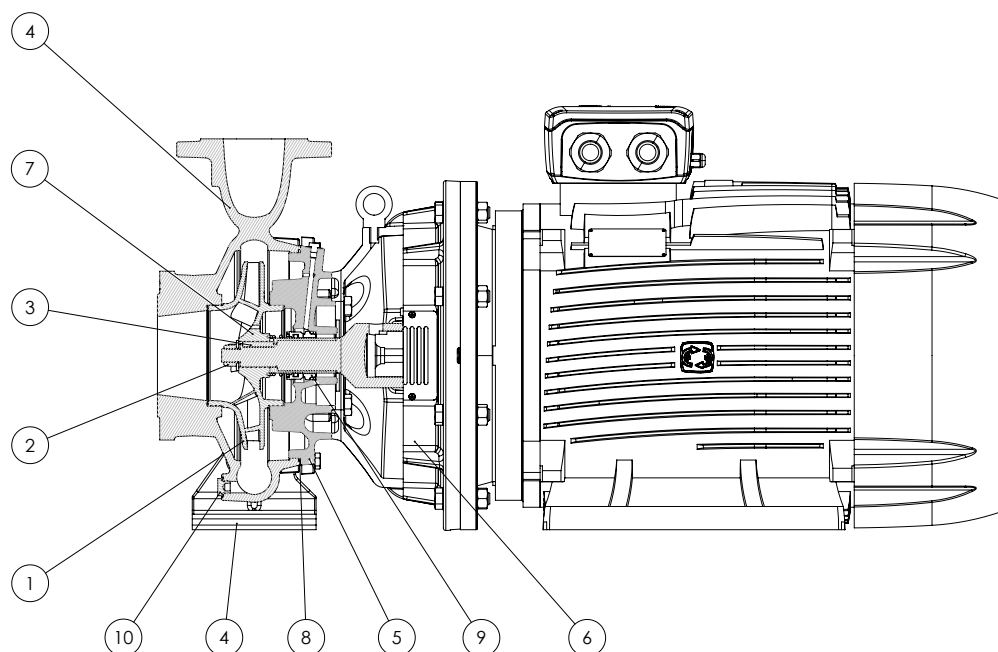
Q (l/min) 4167 | H (m) 45.8 | Power [kW] 40.08 | Efficiency % 82.51 | NPSH (m) 5.64



MEI $\geq$ 0,4 (regulation EU N. 547/2012)
Tolerances according to UNI ISO 9906 grade 3B

MNG Series

Models list and materials



POS. N.	DENOMINATION	VERSION	MATERIAL	REFERENCE STANDARDS	
				EUROPE	USA
1	Impeller	Standard B X	Cast iron G20 Bronze Stainless steel	GJL-200 (JL1030) CuSn10-C (CC480K) X5CrNiMo17-12-2/ 1.4401	ASTM Class 30 UNS C90700 AISI 316
2	Impeller lock nut and washer		Stainless steel	X5CrNiMo17-12-2/ 1.4401	AISI 316
3	Impeller key		Stainless steel	X5CrNiMo17-12-2/ 1.4401	AISI 316
4	Volute casing	Standard X	Cast iron G25 Stainless steel	GJL-250 (JL1040) X5CrNiMo17-12-2/ 1.4401	ASTM Class 35 AISI 316
5	Casing cover	Standard X	Cast iron G20 Stainless steel	GJL-200 (JL1030) X5CrNiMo17-12-2/ 1.4401	ASTM Class 30 AISI 316
6	Motor bracket		Cast iron G20	GJL-200 (JL1030)	ASTM Class 30
7	Stub shaft		Stainless steel	X5CrNiMo17-12-2/ 1.4401	AISI 316
8	O-ring	Standard E V	NBR EPDM FKM		
9	Mechanical seal		(Search for the material in the mechanical seal table)		
10	Fill and drain plugs	Fill and drain plugs	Brass	CU ZN 40 PB2 UNI 5705/65	C37700

MNG Series-Mechanical seal and bearings

MECHANICAL SEAL	PUMP MODEL	SHAFT Ø		STANDARD MATERIAL	OPTIONAL			
	MNG80-250B, MNG80-250A, MNG100-200B, MNG100-200A, MNG100-250C, MNG100-250B, MNG100-250A	45mm	<i>Rotating face</i>	CrNi-steel	CrNi-steel	CrNi-steel	SiC	SiC
			<i>Stationary face</i>	Graphite	Graphite	Graphite	SiC	SiC
			<i>Elastomer</i>	NBR	EPDM	FKM	EPDM	FKM

MOTOR BEARINGS	PUMP MODEL	TYPE	
	MNG80-250B, MNG100-200B	6313-ZZ C3	6313-ZZ C3
	MNG80-250A, MNG100-200A, MNG100-250C, MNG100-250B, MNG100-250A	6314-ZZ C3	6314-ZZ C3